



产品详情

GLS Rabbit Polyclonal Antibody(C-Term)

产品货号	产品名称	储存条件	保质期
IM38639	GLS Rabbit Polyclonal Antibody(C-Term)	2-8℃	2 周

产品详情:

货号	IM38639
别名	Glutaminase kidney isoform, mitochondrial, GLS, K-glutaminase, L-glutamine amidohydrolase, GLS, GLS1, KIAA0838
产品名称	GLS Rabbit Polyclonal Antibody(C-Term)
类别	抗体产品
推荐应用	WB
反应种属	Human, Rat, Mouse
存储缓冲液	Purified polyclonal antibody supplied in PBS with 0.09%(W/V) New type preservative N. This antibody is purified through a protein A column, followed by peptide affinity purification.
Human Swissprot No.	094925
特异性	This GLS antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 555-587 amino acids from human GLS.
稀释度	WB 1:2000
预测分子量	73kDa
运输及保存条件	Maintain refrigerated at 2-8℃ for up to 2 weeks. For long term storage store at -20℃ in small aliquots to prevent freeze-thaw cycles

宿主	Rabbit
同种型	IgG
背景介绍	Catalyzes the first reaction in the primary pathway for the renal catabolism of glutamine. Plays a role in maintaining acid-base homeostasis. Regulates the levels of the neurotransmitter glutamate in the brain. Isoform 2 lacks catalytic activity.
组织表达	Isoform 1 and isoform 3 are detected in brain cortex. Isoform 3 is highly expressed in astrocytoma, ganglioglioma and ependymoma. Isoform 1 is highly expressed in brain and kidney, but not detected in liver. Isoform 3 is highly expressed in heart and pancreas, detected at lower levels in placenta, lung, pancreas and kidney, but is not detected in liver. Isoform 2 is expressed in cardiac and skeletal muscle.
细胞定位	[Isoform 1]: Mitochondrion {ECO:0000250 UniProtKB:P13264}. Cytoplasm, cytosol. Note=The 74-kDa cytosolic precursor is translocated into the mitochondria and processed via a 72-kDa intermediate to yield the mature 68- and 65-kDa subunits {ECO:0000250 UniProtKB:P13264} [Glutaminase kidney isoform, mitochondrial 68 kDa chain]: Mitochondrion matrix {ECO:0000250 UniProtKB:P13264} Note=Produced by the proteolytic processing of the 74-kDa cytosolic precursor. {ECO:0000250 UniProtKB:P13264}
功能	Catalyzes the first reaction in the primary pathway for the renal catabolism of glutamine. Plays a role in maintaining acid-base homeostasis. Regulates the levels of the neurotransmitter glutamate, the main excitatory neurotransmitter in the brain (PubMed:30575854, PubMed:30239721, PubMed:30970188).
Clonality	Polyclonal

注意事项:

1. 本产品仅供科研使用。请勿用于医药、临床诊断或治疗，食品及化妆品等用途。请勿存放于普通住宅区。
2. 为了您的安全和健康，请穿好实验服并佩戴一次性手套和口罩操作。
3. 实验结果可由多种因素影响，相关处理只限于产品本身，不涉及其他赔偿。

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